LOG BOOK

OF

Schr Thomas Hunt

Capt

Andrew J. Eldred

843

ODHS # 843

Sealey's Wharf

Old Dartmouth
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Historical Society

LOG BOOK

VOYAGES OF THE

Schr Thomas Hunt

COMMANDED BY *Andrew J. Eldred*

Bakers & Humphrey,

DEALERS IN

Ship Chandlery and Stores,

No. 99 COMMERCIAL STREET,

JUDAH BAKER,
JAMES BAKER,
WILLARD JEWELL HUMPHREY.

BOSTON.

AGENTS FOR BAKER'S PATENT OIL COMPASS.

LOG BOOK

VOYAGES OF THE

COMMANDED BY

Journal of a voyage in the
good Sch.r Thomas Hunt, Capt
Andrew J. Eldred which sailed from
Stonington June 25th 1879 on a sealing
voyage off Cape Horn

JOURNAL from Stonington **towards** Cape Horn

Wednesday

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks 26th day of June 1879
1			S E by E	about S		At 1 Oc Pm all hands being on board we got under weigh and put out to sea in tow of tug boat westerly at 2 Pm tug boat left us wind moderate from the Southward Sch by the wind on the port tack with all sail set at 6 Pm tacked ship, Middle part strong breeze took in light sails & reefed the Mainsail at 1 Oc Am wind Commenced to die away at 3 Oc set all sail Latter Part light winds from the same point Sch heading her Course watch employed at ships duties so ends
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					40°.41'				70°.32'

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 27th day of June 1879
1			S E by E	South		This day Commences with fine weather & Moderate breezes from the Southward Sch heading her Course broke out Vinegar butter & Sugar Middle & Latter part much the same saw several Merchantmen so ends
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	130				40°.00	North			67°.50' West

JOURNAL from Stonington towards Flores

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 28th day of June 187
1			E.S.E	W.S.W		
2						
3						All these 24 hours strong breez
4						from about W.S.W. steering E.S.E
5						at 1 Pm set squaresail saw several
6						Merchantman Watch employed
7						at ships duties so ends
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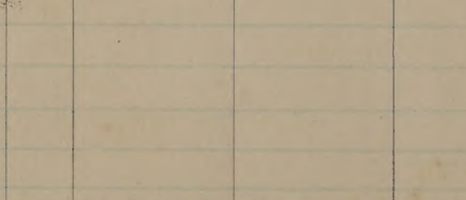
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	208				39° 44				63° 1

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 29th day of June 187
1						
2						
3						
4						
5						
6						First part strong breys from
7						the Westward Course E.S.E
8						Middle part more moderate
9						Latter part moderate winds from
10						the same point at 8 Am running
11						at 9 cleared up raised a school
12						of Sperm whales on the Starboard
1						beam took in squaresail and
2						luffed to the wind whales workin
3						to the Leeward got L x Boat ready
4						at 9-30 lowered away soon after
5						succeeded in striking at 10h 30m h
6						the whale alongside got every th
7						ready and cut him in with 2/3
8						a boat spade & the cooks knife
9						at dark all in took the head in wh
10						
11						
12						



Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
					39-40				60-1

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 30th *day of* June 1879
1			E, S, E	W. S. W		
2						
3						First part of to day you will find in yesterdays day work. Middle part strong winds from W. S. W course E. S. E
4						
5						
6						
7						
8						Latter part much the same broke out 3 cask to put the whale in cut the blubber in horse peices so end
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					39-31				57 " 16

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 1st *day of* July 1879
1						
2						
3						This day Com with strong breezes from W. S. W course
4						
5						E by S. under Mainsail squaresail
6						& Jibs. Middle & Latter part
7						strong & Course the same latter
8						part all hands employed cleaning
9						away the head & making horse
10						peices with sheath knives &c gone
11						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					41 " 21				53 " 46

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 2d day of July 1879
1						
2						
3						First part strong winds from
4						W.S.W Course E by S all hands
5						employed clearing away the W. ale
6						at 6 P.M all in three Cask threw
7						some blubber over board had nothing
8						to put it in. Middle part at
9						10 P.M wind hauled to the Southwd
10						and commenced dying away at 3 A.M
11						took in squaresail & set Main
12						topmast stay sail set in a thick
1						fog Latter part fresh breezes from
2						South by W course S.E by E Sch
3						under all drawing sail
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					42.19				48.29

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 3d day of July 1879
1			S E by E	S by W		
2						
3						First part foggy weather
4						and fresh breezes from S by W
5						course S E by E. tried out about
6						10 gallons of oil in the galley
7						Middle part strong breezes from
8						S by W course S E at 2 A.M took in
9						squaresail Latter part much the
10						same at 11 A.M took in gaffsail
11						so ends breezing up
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					42.17				44.24

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 4th day of July 187?
1						
2						
3						
4						
5						First part Light airs & Calm
6						Lying from about S by W to
7						S & by E at 1 PM hauld out the
8						the Mainsail saw a sink boys
9						& C. Thredle hart 2 miles The
10						rain at 3 PM ceased & wind
11						shifted & the S by W moderate
12						set in sail & crossing Topmast
1						Stay sail Course S &. Latter part
2						fresh breze from W.N.W to W.S.W
3						& S.W. Set out of the Mainsail
4						and set Gaff Topsail Course S by E
5						& took in the Flying Jib & stays Sail
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					41.48				39.50

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 5th day of July 187?
1						
2						
3						
4						
5						First part fresh breezes & in the
6						Westward Course S & by S at
7						5 PM Took in Jigger mast & at
8						2 PM hauld some oil in the
9						broke out a Cask of Oil & filled
10						barrel to put oil in Middle & Latter
11						part much the same,
12						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					40.36				36 [illegible]

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 6th day of July 187
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Came with moderate breezes from E by S & the same all day saw all our cutting gear in the hold & turned over the Sands of the Lower deck for a pilot for Middle Sail wind light & variable at 4 P.M. wind hauled up all the Squaresail Latter part light winds from the Westward saw a S.S. steering to the Eastward bound

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					39.26				

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 7th day of July 187
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Came light breezes from the Eastward Middle part light Airs Latter Part at 4 P.M. raised the Island of Flores right ahead got the port anchor on the bow & bent on the chain Sent him from [illegible] a Sail

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* : 7th *day of* July 187 /
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 9th *day of* July 187 9
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from [illegible] towards [illegible]

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks	10th day of July 1879
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First part fine weather and moderate breeze from the S.W. Cape shipped 4 Portuguese and them on board received one month's pay Latitude Lost port Lisbon 11001 Onions 50 doz Eggs 6 pumpkins 84 Cabbages & other articles stores &c Provisions laying off and on shore and English ships Ships for provisions & repaired at night. Employed part saying off & on Portugal part the Canada for the Coast to come on board after the Oil the Capt told the Clerk to him for Mr. Coe to come on board.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	11th day of July 1879
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First part at 9 pm Cape N.W. round with the Cape it who is after the Oil hauled it up and put stores on shore Lat at 3 pm Council went on shore & we put out to sea Latitude got little the stays, middle & latter part light breeze from the S.W. & Variable shifting by the wind & by day at 10 Lord saved Fayal 3 hours on the port bow employed mending hammocks & unbosomed sewing away & onions 20 Lords

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					38-35				29.53

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks. 12th day of July 1871
1						First part light airs
2						& variable
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					51 10				9-14

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 13th day of July 1879
1						This day com with
2						fresh from S.E & fine
3						weather Cour S.S.E
4						with Middle part
5						smack the same
6						Latter part moderate
7						winds from E.S.E &
8						fine
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					35 14				29 18

JOURNAL from **towards**

c/ E. trades

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* 14th *day of* July 1879
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Cum's moderate winds from E. to E. Course S. 52. W. Middle & latter part fresh breezes & made a total log of 180 miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					32° 32'				29° 15'

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 15th *day of* July 1879
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All these 24 hours fresh breezes from E, Course S by W ½ W 20 Leagues

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					29° 27'				29° 4'

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 16th day of July 1879
1						
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5						
6						
7						To day wind & Course as
8						yesterday at day light saw a
9						Totaling bark ran the same
10						course as the Southern at 7 am
11						set Thomas Maynard [illegible]
12						which employed at ships duties
1						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					26°.35				29°.14'

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 17th day of July 187
1						
2						
3						
4						
5						All those 24 hours strong
6						trades from E course S by E
7						& W. [illegible] employed at ships
8						duties
9						
10						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					23.14				29.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 18th day of July 1879
1						
2						
3						
4						
5						
6						Const strong Gales from
7						East Course S by W at 3 PM
8						took in Jib mast Staysail
9						middle & latter part much
10						the same
11						
12						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					19.59				28.4.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 19th day of July 1879
1						
2						
3						
4						
5						S/ 1st & middle part
6						Strong Gales from East
7						Course South Latter part
8						Moderate winds & fair &
9						& vinegar & flour
10						
11						
12						
1						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					17.13				17.38

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 20th day of July 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					15.44				27.36

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 21st day of July 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					13.24				27.36

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 22d day of July 1879
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First part light airs & calms & course & distance employed setting up rigging middle part moderate breezes & sail set Latter part much the same with rain squalls watch employed working in the rigging & occasionally

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					13.50				2.11

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 23d day of July 1879
1			S	NE		
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Cont moderate winds from N & with fine weather squalls, by dangerous Longitudes with the Eagle at Plymouth Sound Do employed sailing to Northward, hove out pilot middle & Latter part light winds from N.N.E. course & watch employed over hauling blocks rove off new fore peak ship in in Mount Edgcumbe fall fore noon & part Lit

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					11.52				26.32

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks 24th day of July 187
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First fast light-vessel from S.W. & Cabrera Pt 4 fm lowered L & D boat to pass to the Middle & Latter fast light-vessels one a square & the other a schooner Brig also lying to the eastward Hoisted the Boat in Latter vessel Kompass with a Kite & Kedge, proceeded to sea

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					10.39				25.37

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 25th day of July 187
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First fast light-vessel from S.W. & W. Cabrera Pt bearing by the wind S.E. & E. exchange Long with the Brig Hoisted Blankenese ensign Bound to Pernambuco, broke out water. Middle fast light vessel bearing S.E. & E. exchange with Latter fast light vessel Sent Boat on board the Latter vessel and took Kompass & Kedge

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					9.39				25.37

15

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* 26th day of July 1879
1						
2						
3						
4						
5						
6						First part moderate
7						breezes from S.W. Sch
8						heeling to the wind &
9						by E and E by N, and
10						saw porpoises (Middle part
11						from 7 to 10 P.M. Calm with
12						plenty of rain then Cloud
1						away had moderate breezes
2						from W. by S. to W. Course S. by W. the
3						part fine weather rain and
4						Course the same saw a brig
5						to leeward heading as ourselves
6						Middle & Latter part more
7						the same
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					9.19 N				24.18

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 27th day of July 1879
1						
2						
3						
4						
5						First part moderate
6						breezes from S.W. Sch
7						heeling to the wind &
8						by E and E by N saw porpoises & two sharks
9						one heading as we did the other
10						on the opposite tack At 1 P.M.
11						Lunday Island W by N ½ N
12						Middle & Latter part
1						you will find an yesterday
2						work in parenthises
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					9.16				23.25

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks 29th day of July 1879
1						
2						
3						
4						
5						
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11						
12						
1						
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Yd first part moderate breezes from S.W. shortened to the night S.W. & W. and 1 P.M. Parks one blunting up with the storm staysail Set foresail middle part of the day Latter part light winds from S.W. to W.N.W. Ran backed for heading of the land N.E. by N. saw two sail & a steamer inward bound Spoke a Liverpool ship

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					7.06				22.04

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 29th day of July 1879
1						
2						
3						
4						
5						
6						
7						
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Ends light winds from W. to W.S.W. hove to the Sunset W.S.W. and W. moderate & thick fog middle part light airs & variables Latter part light winds from W. & W.N.W. making from 5 to 6 E. fitted fit for sailing pendance made Coutwards Rec'd the true and water first part

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6.54				22.04

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 30th day of July 1879
1						
2						
3						
4						
5						
6						First part light breze from W.S.W & hazy weather for the wind & by N this & Boats trips PM. Middle part much the same. Latter part light variable winds and part of 24 in caught about 3 bushels more out 1 Bll Beef + 1 of Pork to go on
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
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8						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					5°47				0

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 31st day of July 1879
1						
2						
3						
4						
5						
6						Commences with good weather and light winds from W by S Sch^r heading by the wind S.S.W. watches employed in making sheaths for knives & Steels & after work making a spit log middle part moderate winds from the W^ard and plenty of rain until 11 PM when they hauled away bringing up at 1 AM took in Gaff Topsail & stowed it latter part strong winds & squalls & the Sch^r reducing sail the wind W.S.W with Considerable sea on at 11 AM put one reef in the Mainsail & one in each of the Jibs
7						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					5° 00'				21°42

JOURNAL from S E towards Trades

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 1st day of August 1879
1						
2						
3						
4						
5						
6						Commenced from S by W leading Irons to Engage to work, Two Sick Middle Watch Cutter Middle part fresh breezes Latter part Squally from E & E by S Hauling by the wind & Shipped water Set Sail.
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
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10						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					3°.5'.7				23°.23'

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 2d day of Aug 1879
1						
2						
3						
4						
5						
6						Commenced from Strong breezes & Squally Hauling by the wind Shipped a Sea which Carried Away Jib Boom & Sprit Sail Yard Middle & Latter part fresh breezes from SE Course S by W. employed Making Sheaths for Masts & knives, saved One Pig and Sea Serpent that was made, it took Cook out of front of it & gave him so that he was taken sick to the stomach, and could not eat any more than the rest of us
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					1°.5'.8				21°.21'

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 3d day of Aug 1879
1						
2						
3						
4						
5						Cons fresh trades S & Course S W under all sail watch employed as yesterday Middle & Latter part much the same
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					0°.40 South				27.21 Hist-

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 4th day of Aug 1879
1						
2						
3						
4						
5						
6						All fine 24 hours fresh trades from S & Course S W under all sail
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					3.19 S				28.42

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*
1						
2						
3						
4						
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7						
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5th day of Aug 187 7

First part Commences with fresh breezes from S & E Course S by W ½ W 36 Miles Wind hauled to S.S.E & Sohn heading S by W ½ W Middle and latter part fresh winds from S by E & S.S.E heading up the wind S.W. under all sail saw a Bark & Brig steering to the Northward 20 miles this day Employed in Reeving Running Rigging & Painting Ship

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					5 " 26				31 " 1

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*
1						
2						
3						
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6th day of Aug 187 7

Course & fresh winds from S by E & S.S.E heading to the Eastward 5 Hrs Middle part much the same Latter part strong breeze from S.S.E and cloudy weather at 10 Am took in Topmast Staysail so ends saw a Brig

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					7 " 36				32 " 3

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 7th day of Aug 1877
1						
2						
3						
4						
5						
6						Hous strong trades from S.S.E. Squally weather & unsettled, employed at 3 pm took in Mizzen Topsail, saw a Barkentine to Leeward heading as we are, Middle part fresh winds Latter part at 5 Am wind died away to calm, lowered down the Mizzen sail at 8 Am breezed up put the Topsail ends with light breezes & hazy heading about S.W. by the wind Pleasant. first part Starboard side broke out Coffee saw 3 sails
7						
8						
9						
10						
11						
12						
1						
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8						
9						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					9.06				33.45

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 8th day of 187
1						
2						
3						
4						
5						
6						First part moderate breezes from S by E & steer heading about S.W. squally weather with rain Middle & Latter part moderate breezes from S & Course S.S.W. Watch employed making seal chops.
7						
8						
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12						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					10.49				33.02

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 9th day of Aug 1879
1						
2						
3						
4						
5						
6						
7						
8						Wm² moderate breezes
9						from S & course S S W fine
10						pleasant weather at 3 P.M.
11						Set 2 all Topsail and Topmast
12						Stays'ls Middle part much
1						the same latter part moderate
2						breezes from E S E course S.S.W
3						so ends
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					13.23				35.37

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 10th day of Aug 1879
1						
2						
3						
4						
5						
6						First part moderate breezes
7						from E.S.E course S S W fine
8						pleasant weather saw a Finback
9						set up Fishing gear Middle
10						part Moderate breezes
11						from N E had Squalls at
12						Latter part wind from N N E
1						course S S W at 8 PM Sunday
2						this is nothing to say on
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					13.49				36.33

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 11th day of May 1879
1						
2						
3						
4						
5						
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12						
1						
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5						
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9						
10						
11						
12						

First part fresh breezes from N.N.E & until 3 P.M when wind hauled to N.W & blew over mainsail gaff & sea on fine weather at 4 P.M sent boy Thurnbacks ashore the Schr both firing at the same time Middle and latter part wind and course much the same little out-water

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					18.20				37.04

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 12th day of May 1879
1						
2						
3						
4						
5						
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7						
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12						
1						
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11						
12						

This day Commences with moderate fresh breezes from S.S.W Schr heading off the wind W by S the Mainsail gaff being too far over is beaten caught in the water and broke square off, broke outboom Middle part light breezes from about S Latter part Calm one sail in sight made new boom pendants so goes

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					18.53				38.18

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 13th day of Aug 187
1						
2						
3						
4						
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Cont. Calm saw Humpback & porpoises many new feathers walk got all the business that can along to Middle & Latter part light airs from N to N E Course S W by S at day light filled a fine spar fore square sail boom. saw Humpbacks porpoises

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					19.39				38.22

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 14th day of Aug 187
1						
2						
3						
4						
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12						
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11						
12						

Cont. light airs from S to S E Course S W by S & S made new ring stoppers & sent trunk pennants for both anchors saw a Steamer Middle part light wind from E S E Latter part fresh winds from S Ship heading by the wind S W by W under all sail with quite a head sea.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					20.31				39.00

25

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 15th day of Aug 1879
1						
2						
3						
4						
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11						
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1						
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12						

First part fresh winds from S & E and cold rugged sea heading by the wind S by S under all drawing sail middle and moderate breezes from S & course S.S.W. Latter part fine weather wind & course the same. shortened main boom topsail lift broke out a barrel of Pork so ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					23.10				40.45

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 16th day of Aug 1879
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This day commences with fine weather and a moderate breeze from E & E Course S by W ½ S come up with fore stay, leathered it when at sheers it were through the bulwarks & set it up at 6 P.M. set square sail saw Porpoises middle & Latter part fresh winds from N E course S by W ½ S put canvass over the front of depository so ends broke out water and dug a full barrel.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					25.27				42.33

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 17th day of Aug 1879
1						
2						
3						
4						
5						Cons fish trays from 1 to
6						Course S Wr ½ S made one
7						large swab and three small
8						ones put them in the run, & also
9						draw water further at 5 Pm
10						lored down the foresail and
11						furled it middle part strong
12						winds from the same point Course
1						the same, Latter part strong winds
2						from N N E at 8 Am gybed the
3						mainsail Course S Wr ½ S it being
4						Sunday their is nothing going
5						on.
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					28..08				44..28

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 18th day of Aug 187
1						
2						
3						
4						
5						
6						First part Moving a mod-
7						erate gale from N N E Course
8						S Wr ½ S 9 Ch^s under Mainsail
9						Gaff Topsail & Squaresail at
10						6 Pm put one reef in the mainsail
11						middle part much the same
12						Latter part at 6 Am wind
1						hauled to N Wr took in squaresail
2						ends with fresh breezes, raised
3						the saddle on the mainmast
4						three inches
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					30..46				46.53

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 19th day of Aug 1879
1						
2						
3						
4						
5						
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11						
12						
1						
2						
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4						
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10						
11						
12						

First part calm at 7 PM a breeze springing up from S.E. & course S by W & S Middle part strong breeze from S & Course the Same at 10 PM took the reef out of the mainsail Latter part strong winds from N E by E at 7 AM set the Spanker sail so ends saw Cape Horn pigeons for the first time

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					32.24				58.53

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 20th day of Aug 1879
1						
2						
3						
4						
5						
6						
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8						
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11						
12						
1						
2						
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7						
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10						
11						
12						

This day Commences with strong winds from N E by E and quite a sea on Course S by W & S Sch.r under reduced sail at 6 PM took in Gaff topsail and put one reef in the mainsail saw the first Goney. Middle part wind continues the same until 1 AM then hauled to N.N.E. & E & blowed over Royals at latter part much the same at day light saw a Barkentine steering about S.E.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					34.35				51.15

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks 21st day of Aug	1879
1							
2							
3							
4							
5						This day Commences with	
6						a moderate Breze from NNE	
7						hauling gradually to the North	
8						ward P Lat 31 mt took in Square	
9						Sail & set Foresail & Flying Jibb	
10						foggy weather saw a Steamer	
11						steering West NE & Middle	
12						part to Noon ditto until 11 PM	
1						when it did Away Calm saw	
2						a sail heading to the N &	
3						Latter part Calm with some fine	
4						rain & new Mainsail and D	
5						the same put the old Mainsail	
6						in the cask	
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					36.18				52.46

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 22d day of Aug	187
1							
2							
3							
4							
5						This day Commences with	
6						a light Air from E NE & fine	
7						a new Foresail put the old	
8						on & the run and put the	
9						three Jibbs we had in the	
10						sack in the Cask Take out	
11						water Sugar & Sugar at 6 PM	
12						put one Reef in the Mainsail	
1						and furled the Flying Jibb	
2						had thunder & lightning	
3						6.30 commenced to rain &	
4						ended in a Calm. Middle	
5						part strong winds from NE &	
6						NW with plenty of rain. Latter pa	
7						Moderate breezes from W Course	
8						S by E fine weather & unsettled	
9						Barometer 29.70 Thermometer 60°	
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
29				38.05	40.45			57.50	40.45

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* 23d *day of* Aug 1879
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First part moderate breezes from W. Sch.r heading by the wind from W. by S. the rest foggy weather. Fresh of Cape Flattery round us at 5 P.M. fog cleared up had a clear run. Middle part much the same latter part wind from W by S with a heavy head sea Sch.r heading S.S.W.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					38.35				35.15

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 24th *day of* Aug 1879
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First part light airs from W.S.W. with a heavy head sea Sch.r heading W.S.W. by W saw Porpoises, middle part calm until 11 AM then a fresh breeze sprung up from the Northward course W.N.W. latter part moderate breeze from S.W with some fog sounded put up stove in the calms and Forecastle,

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					40.03				36.29

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 25th day of Aug 1879
1						
2						
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4						
5						First part light winds
6						from S S W saw a sail heading
7						the same as we are Middle
8						part Calm Latter part Calm
9						sounded got 50 fathoms caught
10						a fine fish 2 qu porpoise saw
11						whales spouting a good ways
12						off could not tell what they
1						were
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					40.00				56.16

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 26th day of Aug 1879
1						
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4						
5						
6						Hove to Calm caught a
7						fine fish took out water head
8						& a barrel of pork dried and
9						picked over the potatoes & the
10						rest hard up the hatches and
11						put them in the after hole
12						at 7 P.M a light breeze sprung up
1						from about E.N.E set the mainsail
2						middle part at 8 P.M set square
3						sail at 12 & wind shifted to
4						N fresh breezes at 2 A.M set all
5						sail but flying jib. Latter part
6						much the same
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					41.13				57.37

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 27th day of Aug 1879
1			S 1/2 W 8			
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First part Strong breezes from N course S 1/2 W 8 Knots under all drawing sail at 5 P m took in stays sail flying jib Gaff Topsail and put one reef in the Mainsail had Thunder & Lightning Barometer fell 3/10. Middle part blowing a moderate gale from N N W at 3 A m took in Spanker sail split the Bonnet put one reef in the Foresail Latter part more moderate shook the reef out of the Foresail & set Flying jib under the same

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	208				43° 29'				61° 24

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 28th day of Aug 1879
1			S. S. W			
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First part strong breezes from N. N. W course S. S. W Middle part at 10 P m blowing a gale furled the Mainsail & run her under two reef foresail at 2 A m set the Mainsail double reefed at 3.30 shook one reef out of the Foresail, Latter part strong breezes from W N W filled & bore & made a new rest lost the old one so ends Barometer 29° 1/2 of a tenth

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	175				42° 30				63° 45

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 29th *day of* Aug 1879
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This day Commences with fresh winds from W NW Course Steered as before under reefd mainsail double reefd fore & fitte. a Barque in sight astern steering as we are Brigdale part strong breezes the rushing in the clew of the fore sail and it started the rope off the whole length of the after leech Latter part moderate breze from W & Nr Wind heading her course Steered as before in sight going the same as we are bound

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					47°30				64°45

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 30th *day of* Aug 1879
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First part light Airs from W.S.W. reefd sails in the Cabin and hove it to and fished over the Quarter at 4 AM Calm sounded got 42 fathoms tried to catch fish but did not get a bite. Middle part Calm until 4 AM then began to breze up Latter part fresh breezes from S by W with a heavy sea on Ships heeling about 2 pts & under all necessary sail broke out water and sighted several Porpoises

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					48° 0				64° 15

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 31st *day of* Aug 1879
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First part strong wind from S by W heating about 3 by a heavy head beat sea on, took take the Potatoes out of the boat on deck sorted them over sorted over Onions and put them all in the after tank in barrels we have got now 3 barrels of Potatoes an 3½ Bbls of Onions Middle part fresh breeze from the same to N. Latter part light winds & fine pleasant weather it being Sunday & in is nothing going on.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					49 " 12				63 36

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 1st *day of* September 1879
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First day Comm. rec'd with a light air from S by W heating to the wind about S. S. E. under all sail two sails in sight ahead going the same as we are fine & weather at 7 P.M. a breeze sprung up from about N. Course S by W set Squaresail, Middle part fresh breeze Maintopmast Staysail halyards parted to the sail Bad Latter part strong wind from the Northward at 7 AM filled over and steered S½ E. hazy weather a Bark in sight going the same as we are Tripped up the old Staysail

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					51 " 06				61 [illegible]

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks 2d day of Sept- 1879
1						
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5						
6						Cons strong winds from the Northward & hazy we at the Course S ½ E. loaded 300 Cartridges bent new sail & Furled sail boat at 4 Pm wind hauled to N.N.W fired over, Middle and latter part light airs and Calm at 5 Am lowered down the sails. watch employed putting the Anchors on the bow and bent on the Chains so ends the Sail in sight saw a Hair
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8						
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11						
12						Seal

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					No Obs				No Obs

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 3d day of Sept- 1879
1						
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5						
6						Cons Calm hazy weather unbent the Squaresail and lashed the boom and yard over on the sides aft at ½ Pm a light breeze springing up from E.N.E & set Foresail course S by E & E ½ E Middle part moderate breezes latter part strong breezes at 6 Am set Mainsail (with one reef in it) and fils at 11-30 Am sailed Land the three Brothers hauled aft the sheets & steered by the wind so ends
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					No Obs				

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 4th day of Sept 1879
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First part strong breezes from East, on opposite tacks holding our own Middle part at 11 P.M. wind died away land in sight all the time Latter part Calm broke out water keg and took saw fish &c. gave new boat fills sounds boating for a breeze to take us through the Straits of Le Maire

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 5th day of Sept 187
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Wind Calm at 5 P.M a light breeze springs up from the Northward & Westward 11 30 P.M wind died out and sprung up soon after ahead Sohn on opposite tacks Latter part at day light brest breeze from S.W which is dead ahead for us & a two knot current by which us so we kept off for Good Success Bay and let go our S.W. Grand Anchor in seven fathoms if water so ends with fine weather west bound sailing

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks	6th day of Sept 1877
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Cons? fine weather Land wind in the morning Peace carried all this day Sail and worked them Lat in two gets and at 4 PM were shot in the bay this is a very good place for Ships and Harbour. Middle part high & pinde part Wood & Plain ground & Flat. Latter part stony & mountainous all Land Lakes & good rest- saw a Bark passing through the Straits bound to the Southward

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	7th day of Sept 1877
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Cons? strong breze from N. with rain Lying at the wit steady in Latitude of Chapman at 3 PM steering and give her in fathoms two & in middle part strong breze with rain Latter part light breze from N. to N.E. fine pleasant weather Loved all three boats and went sailing & sounds

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 8th day of Sept 1879
1						
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5						
6						
7						First and middle part
8						fine weather & light
9						breezes from S to SE &
10						at Anchor awaiting on a
11						wind a Ship, Bark & Barkentine
12						passing through the Straits
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 8th day of Sept 187
1						
2						First time
3						
4						
5						
6						This day Commences with
7						fine weather & light breezes
8						from W.S.W to the same
9						Vessels they were yesterday
10						and a Sch in sight at dark
11						light, at 10 we wind headed
12						to the N.W got under weigh
1						throughout the day fresh breezes
2						saw Black fish Capt shot
3						several of them at 7 pm we saw
4						West of New Island blowing fresh
5						put one reef in the mainsail
6						at 9.30 Pm let go our Starboard
7						Anchor in Richmond Roads in
8						12 fathoms of water furled the
9						sails and set Anchor watch,
10						the rest of the night at Anch
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 9th day of Sept 1874
1						
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4						
5						Tuesday This day Commences with fine weather and a light breeze from the Northward at 6-30 A.M got under weigh when seven miles out-wind died away to a light air-lowered three Boats Capt Rue & third mate and started for Crouts Islands at 2-30 P.M. Landed and at 6 Oct P.M arrived on board with one hundred & fifty nine fur seal Skins. Through the night laying off and on Crouts,
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 10th day of Sept 1874
1						
2						
3						
4						
5						Wednesday Commences with fine weather and a moderate breeze from N W at 8 Oct Am lowered three boats and landed on Crouts at 11 Am arrived on board with fifty Eight fur seal Skins the remainder of the day all hands employed steaming Skins washed them and put them on the line to dream at 7 P.M came to Anchor at Lamont Cove in three fathoms of water had light winds all the afternoon. through the night laying at Anchor
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 11th day of Sept 187
1						
2						
3						
4						
5				Thursday		1st This day Commences with fine weather at 5.30 am called all hands got coffee and commenced braking out the starboard side (at 7 am Light Golden Fleet Capt Glasgow came to anchor here) took the ground line up took on all the coal put it in the forward run sent raft cask ashore from water ship filled back filled the ground tier with water got off a boat load of water, called 2nd Engine in the after hold so ends, I brought the night lying at anchor
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 12th day of Sept 187
1						
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5						
6				Friday		Till the 24 hours fine weather hove short at anchor got off one cask of water through the day gamming and loading with the Pontiana the first mate came on
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 13th day of Sept 1877
1						
2						
3						
4						
5				Saturday		Comm fine weather & a light breeze from the Northward at 6 Cast Am got under weigh and started for the Canal. Capt Stevenson & first & 2d Mate came on board with the Canal crew to beat the vessel in company got most over there wind breezing up, too in sight to land so we tacked and started back at 2 Pm came to anchor the remainder of the day and night laying at Comber.
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 14th day of Sept 187
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5						
6				Sunday		All these 24 hours laying at Comber with fine weather and calm shot a few Geese & Ducks the Golden Boat coming for Coys
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 15th day of Sept 1879
1						
2						
3						
4						
5						
6				Monday		This day Commences with fine weather and a light air from the Eastward at 5.30 am got under weigh the Gotch boat got under weigh the same time she is bound to the mission station we are going to give the Crew a bill at 11 am landed with the coals Capt went on Sugar plant on board at 5.30 PM arrived on board with 100 fm Seal shot 73 of them in the water. Through the night working to the Eastward through Nassau Bay
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 16th day of Sept 1879
1						
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5				Tuesday		Commences with stormy squalls from the S W with a constant watch employed skinning Seal at 12.30 PM came to anchor in Fort Bay finished the skins at all hands to bunnin, fine through the night blowing fresh with hail squalls.
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	17th day of Sept	1879
1								
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5								
6				Wednesday		Through the day fine weather all hands employed breaking out the provisions got off wood and water filled every thing, called down the skins 1011 in. wheat barrels, broke out 1 bbl Pork and 1 bag Johnnas. Kept sail Through the night moderate breezes from the Northward.		
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	18th day of Sept	1879
1								
2								
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4								
5				Thursday		This day Commence with a fresh breeze from N.N.E at 6 Clock A.M. got under way at 10 A.M. wind died away at 4 P.M. wind breezed up again from S.W. which is ead ahead for Morlons Cove. sent Main Topmast Staysail abroad.		
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12								
1						Through the night blowing a fresh gale with a heavy sea on Both under two reef Mainsail fore Staysail & fit		
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12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 19th day of Sept 1879
1						
2						
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4						
5				Friday		This day Com with a moderate breze from S W, at 3 O'k I'm kept her off and at 8 Am came to Anchor in a
6						good harbor name not known
7						not laid down on the chart is
8						about ten miles to the Eastward
9						of Mortons Cove three Canoes
10						came off we traded some with
11						the Indians. Through the nigh-
12						laying at anchor.
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6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 20th day of Sept 1879
1						
2						
3						
4						
5				Saturday		This day Commences with
6						fine weather and a fresh breze
7						from the Northward at 6-30 Am
8						we got under weigh and at 10 Am
9						we came to Anchor again in
10						Mortons Cove in 16 fathoms of
11						water Covered Sim boat took
12						the tiller on shore her ii and
1						bent it so that it would clear the
2						spokes. rove new fib sheets.
3						At 7 P m commenced breezing up
4						Barometer 28°.95; give her 60 fathoms
5						chain. Through the night blowing
6						strong from the S W.
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 21st day of Sept- 1879
1						
2						
3						
4						
5						
6				Sunday		All this 24 hours laying at anchor with a stiff breeze from S W with heavy rain squalls
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 22d day of Sept- 1879
1						
2						
3						
4						
5				Monday		Still laying at anchor with heavy rain squalls from S W. got off two cask of water & a little wood. Through the night much the same
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 23d day of Sept- 187
1						
2						
3						
4						
5						
6						
7				Tuesday		Tuesday Continues fresh westerly winds and squally weather. Through the night the same.
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 24th day of Sept- 187
1						
2						
3						
4						
5						
6						
7						Wednesday. All these 24 hours laying at anchor with fresh winds from the Westward and squally weather. Shot a porpoise.
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 25th day of Sept 1879
1						
2						
3						
4						
5						
6				Thursday		Comes fresh W.S.W. winds & squalls we are waiting for a chance to get on Isle de Pomos quite smart & pleasant in here but rec'd our side broke out 1 Bbl of Pork & 1 of Beef
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 26th day of Sept 1879
1						
2						
3						
4						
5						
6						
7				Friday		This day Commences with light airs from the Westward and fine pleasant weather got one cask of water by much swell on our side to seal it. Through the night calm
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 27th day of Sept 1877
1						
2						
3						
4						
5						
6						
7				Saturday		Cont calm until 11 Am then commenced breezing up strong from the Southward the remainder of the day and through the night blowing fresh
8				P		
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 28th day of Sept 1877
1						
2						
3						
4						
5				Sunday		All these 24 hours fine weather with a light air from the Westward it being Sunday there is nothing worth in the shape of ship duties
6				P		
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 29th day of Sept- 1879
1						
2						
3						
4						
5						
6				Monday		This day commences with a light breze from West at 6 a.m. got under weigh (wing) began to rain, we are going to try to get to Ildefonsos at 11 Am and the wind and went in my got there but we found the Golden West there she has just got through so there was not much chance for us we only saw five, steps got 16, wind breezing up with Schr. started for a harbor at 2 Pm we stood (anchored in 5 Old Fast harbor in 11 fathoms of water) wind blowing fresh from W.S.W with rain & it Continues we are in very snug harbor we see the Louisa is a month Early, through the night light breeze from the Westward,
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 30th day of Sept- 1879
1						
2						
3						
4						
5				Tuesday		This day Commences with fine weather and a moderate wind from the Westward at 6 Am the Golden West got under (way) weigh, At 8 Am we got under weigh, and made it the northern and saw another Schr we Called the Louisa at 11 Am wind hauled to the Westward and Commenced to rain we all then issued beating up towards Talbot passage with a fresh breze at 5 Pm we came to (anchor in Talbot passage 3 or 4 miles from the entrance in twelve fathoms of water this is a good harbor water wood & mosquito in abundance there is no name for this harbor so I will call it Hance's harbor the other Schr anchored just above us
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 1st day of Oct 1879
1						
2						
3						
4						
5						
6				Wednesday		This day commences with a
7						light air from the Northward
8						at 4 30 Am got under weigh
9						all three Schrs got to getting
10						Capt Eldred & Chesebro went on
11						board of the Louisa and in a few
12						minutes the Louisa has been round
1						here as long as we have they have
2						only got one seal at 9 Am it being
3						calm the Golden West and us towed
4						into the help and came to anchor
5						at the entrance of the first passage
6						out in 12 fathoms water the Golden West
7						two boats & our three pulled through
8						this passage and out to Tilleis Cock
9						there was no seal in there we got three
10						off the rock in shore at 2 Pm arrived on
11						board in a rain storm this passage has
12						no name so I call it Dive boat passage
						through the night squally.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 2d day of Oct 1879
1						
2						
3						
4						
5				Thursday		Commences with fine weather
6						and a fresh breeze from the
7						Northward at 6 Am left Schrs
8						got under weigh to beat up the
9						passage passed through Christmas
10						Sound and at 6-30 P M came to
11						Anchor on the West side of Cook
12						Bay in 12 fathoms of water sand &
1						mud this is a good anchorage
2						I call this Flag Stick harbor the
3						Golden West anchored about two
4						miles to the southward of us
5						through the night laying at anchor
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 3d *day of* Oct- 1879
1						
2						
3						
4						Friday
5						Commences with a calm & rainy
6						weather 2½ made sail & a l o l and
7						went further in & moored out a good
8						anchorage Barometer going down
9						we have it wet & cloud in and lie
9						go the anchor in 13 fathoms of water
10						this is a good place for wood and
11						water through the night laying at
12						anchor wind from the Northward and
1						Westward
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 4th *day of* Oct- 1879
1						
2						
3						
4						
5						Saturday
6						All day fresh breeze from the
7						westward at 9 Am we got under
8						weigh and worked up through Darwin
9						Sound and at 5 Pm came to anchor in
10						the North passage that leads into
11						Whale Boat Sound it is a good harbor
12						we have had several heavy squalls
1						& gentle to day broke out the fore
2						riggin and sent it up. Middle
3						part light variable & calm
4						Wind from the Northward
5						& Westward
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 5th day of Oct 1879
1						
2						
3						
4						
5				Sunday		Begin with a fine wind and pleasant weather at 9 am got under sail and beat up the passage with heavy snow & hail squalls from the westward at 12 oc came to anchor Capt thinks he is in the north passage. Through the night blowing fresh
6				5th		
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 6th day of Oct 187c
1						
2						
3						
4						
5						
6						
7				Monday		Strong Westerly winds with snow & hail squalls until 4 pm then the wind died away got 4 tun cask of water. Through the night fresh winds & stormy at
8				6		
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 7th day of Oct 187/
1						
2						
3						
4						
5						
6						
7						
8						
9						Tuesday 6th Fine 24 hours moderate
10						winds and [illegible]
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 8th day of Oct 187/
1						
2						
3						
4						
5						
6						Wednesday Comes rainy weather with a moderate
7						breeze from N.N.W at 9 Am got under
8						weigh at 10-45 Am passed out of the
9						passage into Whale boat Sound wind
10						varied to the Westward commenced
11						[illegible] at 3 Pm [illegible]
12						to anchor in 6 fathoms [illegible]
1						[illegible]
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 9th day of Oct 187[illegible]
1						
2						
3						
4						
5				Thursday		All these 24 hours Wes[illegible]
6						winds and rainy weather
7						[illegible] put the Camp
8						stove in place of the one we had
9						it gave to much heat, got off a boat-
10						load of stone & put it in the room
11						so ends
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 10th day of Oct 187[illegible]
1						
2						
3						
4						
5				Friday		Commences with good weather
6						and fresh trades from the
7						N.E. at 5 AM set sail to
8						weigh anchor began to rain
9						and blow at 12 left Cum-
10						berland at Bunt Island
11						in what I shall name Sweet
12						Water this is a Plentiful
1						place for good water
2						anchored in 3½ fathoms of water
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks 11th day of Oct 1877
1						
2						
3						
4						
5						
6						
7						
8						Saturday All day from westward
9						and taking in sail at 11 P.M.
10						Hauled off a course
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 12th day of Oct- 1877
1						
2						
3						
4						
5						
6						
7						
8						Sunday All these 24 hours from westward
9						winds and rainy with
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* 13th day of Oct 1879
1						
2						
3						
4						
5						
6				Monday		This day Commences with strong winds from the Eastward and squalls at 3 P.M. commenced getting under weigh but start- ed Mainsail & Jobs'sail the Pilot brought under the Stern of the Ship began to draw fresh cast chain and the boat shot up both ends her head aft struck the rocks got out a kedge and pulled her off made sail up in and started off soon after wind hauled to the westward and began to blow put back and moored in the same place, traded some with the Indians, broke out a Bbl of Pork went on shore washed clothes
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 14th day of 1879
1						
2						
3						
4						
5						
6				Tuesday		All these 24 hours strong [illegible] wind squalls and rain at times, [illegible]
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 15th day of	187
1							
2							
3							
4							
5						Wednesday	Continues Westerly winds squally
6							and rainy weather Capt thinks that
7							we [illegible]
8							[illegible]
9							[illegible] a chance to get to the
10							[illegible] and 20 at 8.30 Am we got under
11							[illegible]
12							[illegible] Cook Bay Ittin it commenced to
1							[illegible]
2							[illegible]
3							[illegible]
4							[illegible]
5							[illegible]
6							[illegible]
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 16th day of Oct	187
1							
2							
3							
4							
5							
6							
7						Thursday	All these 24 hours Hawaii shore
8							from the Northward and Stormy
9							[illegible]
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
57									

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* day of 187
1						
2						
3						
4						
5						
6				Friday		This day Commences with
7						
8						
9						and quite pleasant for this
10						of the world at 6 Clock got un
11						neigh two Canoes Sailed off
12						the shore but they were
1						at 12 Oc we came to an
2						in Hancock bay in 15 fath
3						of water one Canoe came off
4						we saw five Indian Camps
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 18th day of Oct 187
1						
2						
3						
4						
5						
6						
7				Saturday		at W esterly winds with se
8						
9						
10						
11						
12						through the night light w
1						and fine weather
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9			Sundays			In the forenoon fine weather		
10						& a light-airs from the Westward		
11						at 12 m commenced Employing		
12						the Remainder of the day in		
1						night-fresh breezes and Squally		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	20th *day of* Oct.	187
1								
2								
3								
4								
5								
6								
7								
8						Commences with fresh Westerly		
9						at 6 Am got under weigh stood		
10						down towards the mouth of the		
11						River at 8 Am [illegible]		
12						[illegible]		
1						at 9 Am came to anchor in the		
2						same place, broke out bread		
3						Beef & rum got off a cask		
4						of Water and two boat loads of		
5						wood through the night-wind		
6						[illegible]		
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* day of 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* day of 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 27th day of Oct 1877
1						
2						
3						
4						
5						
6						
7						Thursday
8						Off Dar for [illegible]
9						Westward the Kitts & Larkin came
10						on board & spent the day sent
11						two boats in after 4000 Eggs that
12						we had given us after dinner
1						[illegible] Larkin again the E,
2						they picked up about 200 lbs ais
3						abt [illegible]
4						[illegible]
5						turned us
6						
7						
8						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 28th day of Oct 1877
1						
2						
3						
4						
5						
6						Friday
7						Off Dar [illegible]
8						from the [illegible]
9						to laying at Anchor [illegible]
10						[illegible]
11						
12						
1						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 31st *day of* Oct 187?
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 1st *day of* Nov 187?
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 2[illegible] day of [illegible] 187
1			Barometer	28.°3		
2						
3						
4						
5						
6						
7						
8			Sunday			Throughout the day blows a fresh gale from the W.S.W. with heavy snow & hail squalls at 5 P.M. gained Channel & the Southward. Throughout night much the same
9						
10						
11						
12						
1						
2						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 3[illegible] day of [illegible] 187
1						
2						
3						
4						
5						
6						
7			Monday			This day Commences a strong breeze from S.S.W. with heavy squalls & broken seas & kept full canvas [illegible]
8						
9						
10						
11						
12						
1						
2						the same until about 8 P.M. when the wind hauled to E.
3						
4						
5						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks	day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 15th day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 16th day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks 12th day of Oct 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 13th day of Oct 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

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JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* *day of* 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* *day of* 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* day of 187
1						
2						
3						
4						
5						
6						
7						
8						Tuesday Kept
9						with a light breeze from
10						Northward at 7 PM got
11						wind toward the
12						at 12 PM
1						
2						light airy we lowered
3						three boats and pulled
4						at 8 PM arrived on board
5						4 fur seal skins did not
6						over fin Clapmatches but
7						a number of old Rigs fell
8						up after we hoisted the
9						we kept off W.N.W with a
10						moderate breeze from the East
11						Through the night laying off
12						on Kellis Rocks.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 19th day of 187
1						
2						
3						
4						
5						
6						
7						
8						Commences with a fine
9						from W.S.W. stood in close
10						Kellis Rocks could not see
11						[illegible]
12						for Talbot passage at 10
1						came to anchor in Hancox
2						sailed the skins and got a
3						mussels so ends
4						
5						
6						
7						
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9						
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11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11				Saturday		Gibbs these 24 hours		
12				P		Breezes from S & and so		
1						weather washed the ship		
2						inside with sand. Do y'd		
3								
4								
5								
6								
7								
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9								
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11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8				)		So day light		
9								
10						Spring away		
11						by the Lee it being		
12						Lords day their not		
1						doing on in the p		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks day of 187
1						
2						
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4						
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6						
7						
8			Wednesday			
9						
10						
11						
12						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 27th day of 187
1						
2						
3						
4						
5						
6						
7						
8			Thursday			
9						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 28th day of Nov 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 28th day of Nov 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 30th day of 187
1						
2						
3						
4						
5						
6						
7						
8			Sunday			Commences with a light,
9						
10						swell at 8 Am got under way
11						them began to get ready to
12						Camp on shore in the Gutter
1						with the boats at 6 Pm (Sch
2						up slow) every thing landed
3						boats Eight men including
4						in the
5						Bbls Pork 1 flour 330 lbs
6						Small Stores three Trilch
7						Muzzle plenty
8						is necessary. Thoughts
9						light Airs & Calm with
10						Natives are Busy
11						Oldeforsos
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks day of 187
1						
2						
3						
4						
5						
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9						
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11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 24 *day of* Dec 187
1						
2						
3						
4						
5						
6						
7						Comes with fine weather and
8						light baffling winds at 4-30 Am
9						Made sail & about 6 miles dist towards
10						[illegible]
11						[illegible]
12						[illegible]
1						they sealed the rocks the day before
2						it was as smooth as a mill pond
3						at 11 Am boats arrived on board
4						with 1 fur seal skin, wind died
5						away to a calm at 1 Pm Capt
6						Rogers came on board and stayed
7						a few minutes at 5 Pm a moderate
8						breeze sprung up from the Eastward
9						[illegible]
10						back to East & Through the night
11						at 10 Pm wind hauled to the South
12						and 11 the boats returned

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 25 *day of* Dec 187
1						
2						
3						
4						
5						
6						
7						[illegible]
8						[illegible]
9						10 Am hauled aback off North
10						our boat came off sent two more
11						[illegible]
12						Camp boats came off and we towed
1						them down to the Big Island where
2						we anchored at 1 Pm after suppers
3						sent a boat up to North rock after
4						[illegible]
5						[illegible]
6						[illegible]
7						to have a fire in the Cabin once
8						more,
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
21									

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 14th day of Dec 187?
1						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 15th day of Dec 187?
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 6th *day of* Dec 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Saturday To day fresh breezes [illegible]
11						[illegible] N W Rod quite pleasant-
12						after dinner [illegible]
1						So East 1 [illegible]
2						skins seen
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 7th *day of* Dec 187
1						
2						
3						
4						
5						
6						
7						
8						Sunday [illegible]
9						[illegible]
10						[illegible] Camp and plaid
11						[illegible] while after dinner went
12						[illegible] Pope Hole & East Roskary
1						[illegible]
2						[illegible] two sails pass
3						
4						
5						
6						
7						
8						
9						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
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7								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	10th day of Dec	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Wednesday First part pleasant weather with a light Air from N.N.W at 6 Am boats Crew went into Rope Hol. 3 fur seal skins. Capt went up to North Rock after dinner & came Am Horlows gun that he had forgot Mr Dugan & Larkin were there Now Rocking in the small boat- ing [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] so we are makd now with the shore gang on North Rock and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 12th day of Dec 187
1						
2						
3						
4						
5						
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12						
1						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 13th day of Dec 187
1						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 14th day of Dec 187
1						
2						
3						
4						
5						
6						
7						
8				Variable		Fine weather with a light breeze from N W at 6 Am boats crew went into Rope Hole got 2 fur seal skins at 3 Pm boats crew started for North Rock got 2 fur seal skins on the way off Shelf Rock brought back from North Rock Camp 32 skins and 17 from New Rookery Sent a boat to and Swan to day, saw a sail steering to the Eastward
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 15 day of Dec 187
1						
2						
3						
4						
5						
6						
7						
8				Variable		Fine pleasant weather with a light breeze from N W at 10 Am boats crew went to [illegible] Rope Hole got 4 fur seal skins at 3 Pm arrived on board with 11 fur seal skins at 3 Pm boats crew started for North Rock at 7.30 Pm arrived on board with 5 skins they got 7 from North Rock camp & 8 from New Rookery
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
87									

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* 16th day of Oct. 1871
1						
2						
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4						
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6						
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8						
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11						
12						
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8						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks.* day of Oct. 1871
1						
2						
3						
4						
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8						
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11						
12						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 14th day of Dec 187
1						
2						
3						
4						
5						
6						
7						
8						
9						Thursday Cont'd took gale from
10						S.E. with rain & sea in so
11						began to moderate.
12						
1						
2						
3						
4						
5						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 15th day of Dec 187
1						
2						
3						
4						
5						
6						
7						
8						
9						Commences with a fresh breeze
10						from S.E. & cloudy gale increased
11						at 3.30 Am boats crew whilst around
12						in boat to S.W Rookery got 17
1						and 5 from shelf Rock, the boat
2						[illegible]
3						[illegible]
4						[illegible]
5						[illegible]
6						[illegible]
7						the
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
14									

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 26th *day of* 187
1						
2						
3						
4						
5						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 27th *day of* 187
1						
2						
3						
4						Sunday
5						
6						
7						
8						
9						
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11						
12						
1						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 22d day of	187
1							
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4							
5							
6							
7							
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9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*		day of	187
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
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10								
11								
12								
1								
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4								
5								
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7								
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9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
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7								
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11								
12								
1								
2								
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4								
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11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 26th day of Dec 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Friday So day [illegible]
11						[illegible]
12						in [illegible] Defonsos, got off a
1						[illegible] load of wood, Throw
2						the night [illegible]
3						S.S.W. 50 ends.
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* [illegible] day of Dec 187
1						
2						
3						
4						
5						
6						
7						
8						
9						Saturday Moderate [illegible]
10						[illegible] Eastward with [illegible]
11						got off a cask [illegible]
12						Through the night [illegible]
1						[illegible]
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 29th day of Dec 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Sunday Cgmt with ... fresh ...
11						from N E with ...
12						but quite roughed out ...
1						at 4 Am got under we ...
2						in Company with the ...
3						Express at 7 Am we ...
4						two boats & they two and ...
5						sealing on Islas Defonsos at ...
6						arrived on board with ...
7						got 85 skins both land at 2 Pm ...
8						it over again ing at 5 Pm a ...
9						... ward with
10						through the night moderate
11						breezes from about N E Course
12						S E ½ S for Diego Express ...
						two us

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 29th day of Dec 187
1						
2						
3						
4						
5						
6						Monday ...
7						a moderate breeze from ...
8						at 10 Am landed ...
9						North Rock went in with two
10						boats, the Diegan ...
11						not seal enough on ...
12						to pay to keep a ...
1						went to work and ...
2						and removed the ...
3						with ...
4						...
5						...
6						last from ...
7						Mr Smith 3d mate of the Express ...
8						two men went on board of them ...
9						and we made a start Course ...
10						brought on board from ...
11						100 skins, from ...
12						through the night ...
						...

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from Cape [illegible] **towards** South [illegible]

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 30th *day of* Dec	1871
1							
2							
3							
4							
5							
6							
7							
8							
9							
10						Thursday [illegible]	
11						fine weather Course SE½E. Schr	
12						[illegible]	
1						[illegible]	
2						[illegible] Bonays. Schr under all sail	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					58°04				67°11

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 31st *day of* Dec	1871
1							
2							
3							
4							
5							
6							
7							
8							
9						[illegible]	
10						[illegible]	
11						[illegible]	
12						[illegible]	
1						[illegible]	
2						[illegible]	
3						[illegible]	
4						[illegible]	
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					60°[illegible]				[illegible]

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 9th day of 1830
1						
2						
3						
4						
5						
6						
7						
8						Thursday To day moderate [illegible]
9						[illegible]
10						[illegible] at 3 Clock Am saw land
11						Livingston Island [illegible]
12						plenty of Ice Bergs & some field
1						Ice at 9 Am hauled back
2						lowered two boats & the Capn in
3						and pulled in landed on Rum-
4					Island	got 7 fur seal skins saw
5						Livingston Island at 1 Pm a[illegible]
6						board and beat to the [illegible]
7						at 6-30 Pm both Schrs hauled
8						[illegible] to Shirreff Island
9						four boats got 14 fur seal skins
10						pulled [illegible] to Shirreff point-went
11						[illegible] the landing place but did not see
12						any signs of any at 11 Pm arrived

[illegible] the rest of the night beating to [illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 9th day of 1831
1						
2						
3						
4						
5						
6						
7						
8						First [illegible]
9						[illegible]
10						[illegible]
11						[illegible]
12						[illegible]
1						[illegible]
2						[illegible]
3						[illegible]
4						[illegible]
5						[illegible]
6						[illegible]
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks	day of	1870
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	1870
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 5th day of	187
1			NEby. N				
2							
3							
4							
5							
6							
7				Thursday		To days light airs from the	
8						[illegible]	
9						[illegible]	
10						off Ridleys Poland one of our	
11						and two of the Express men	
12						landed on Ridleys Island and	
1						Esther Point at 3 Pm arrived	
2						aboard Capt Lynch got on	
3						[illegible]	
4						[illegible]	
5						[illegible]	
6						Course NEby N, but [illegible]	
7						[illegible]	
8						to day broke out a Bbl of [illegible]	
9						of Pork	
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 6th day of	187
1							
2							
3							
4							
5							
6							
7				Friday		Comes with fine weather	
8						[illegible]	
9						[illegible]	
10						[illegible]	
11						[illegible]	
12						[illegible]	
1						[illegible]	
2						[illegible]	
3						[illegible]	
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	7th	*day of*	June	1870
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*		*day of*		1870
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* 9th day of	187
1							
2							
3							
4							
5							
6							
7							
8				Friday			
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 10th day of	187
1							
2							
3							
4							
5							
6							
7							
8				Saturday			
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 11th day of January 1850
1						
2						
3						
4						
5						
6						
7						
8						
9						
10				Sunday		(illegible)
11						
12						
1						
2						
3						
4						
5						
6						light airs from the NE we are
7						working along slowly towards Fields
8						Straits
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 12½ day of January 1850
1						
2						
3						
4						
5				Sunday		(illegible)
6						
7						and fine pleasant weather
8						10 AM we came to anchor in 5½
9						(illegible) fathoms of water the
10						Esquimaux mustered in five canoes
11						we went on shore brought off two
12						(illegible) of them it was on the
1						Beach 3 Qrs flood it was all good
2						enough (illegible) the ends of the creeks
3						with us we heard some low (illegible)
4						to them this is a low land and flat
5						(illegible) Rock & Rocky Islands mostly
6						Each we did not trouble any thing
7						towards night turned three Esquimaux
8						(illegible) and two children into one tent
9						that would boat (illegible) they got
10						(illegible)
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	, , *day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from [illegible] **towards** [illegible]

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* [illegible] *day of* [illegible] 187[illegible]
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Saturday [illegible]
11						[illegible] and Calm. Through
12						night moderate breez
1						the Northward and Ea
2						wardly we are steering
3						Smiths Island. hauled
4						an hour or two.
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* [illegible] *day of* [illegible] 187[illegible]
1						
2						
3						
4						
5						
6						
7						Sunday [illegible]
8						[illegible] with [illegible]
9						with Pownall [illegible]
10						went in with [illegible]
11						the Express and landed on
12						Smiths Island [illegible]
1						arrived on board at [illegible]
2						did not see any [illegible]
3						to be [illegible]
4						where they used to be found
5						[illegible]
6						[illegible]
7						[illegible]
8						[illegible]
9						[illegible]
10						[illegible]
11						[illegible]
12						[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 19th *day of* 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					62 40				68 11

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* *day of* 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 21st day of June 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 22d day of June 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 23d *day of* June 1870
1						
2						
3						
4						
5						
6						
7						
8						
9						
10				W Fidar		To day light airs from the Eastward
11						Sch. steering her Course most of
12						the time & At 8 P.M. the Express a
1						little on the port bow she sails
2						[illegible]
3						Calm.
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					59.. 52				69.. 01

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 24th *day of* 1870
1						
2						
3						
4						
5						
6						
7						
8				Variable		[illegible]
9						[illegible] to SE Course
10						& WbN Through the night
11						we had a light Air until 2 AM
12						when a moderate breeze sprung
1						up from W raising weather
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 25th day of [illegible] 187[illegible]
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					57.30				

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 26th day of [illegible] 1870
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9						Tuesday	Comes with a moderate gale	
10							from the S.W. and rainy weather	
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* *day of* 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* *day of* 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11						Monday		
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10						Northward at 5th [illegible] got under		
11						[illegible]		
12						[illegible]		
1						so we took advantage of light airs		
2						& went back and Anchored again		
3						remainder of the day much the		
4						[illegible]		
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	1870
1								
2								
3								
4								
5								
6								
7						Light airs from S W at 3.30am got-		
8						ten up the Evoulx wind Breezing		
9						[illegible]		
10						is about 3 miles from the anchorage)		
11						wind blowing strong & getting		
12						fast back and at 7.30 Came		
1						[illegible]		
2						[illegible]		
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 6th day of [illegible] 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						All the 24 hours moderate
12						[illegible]
1						rain in the forenoon in the [illegible]
2						washed clothes & cut wooden [illegible]
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks [illegible] day of [illegible] 187
1						
2						
3						
4						
5						
6						Saturday Comes with fine [illegible]
7						and a moderate breez
8						N at 6 Am got under way [illegible]
9						12 hauled aback off Ex- [illegible]
10						lowered 2 boats & [illegible]
11						landed on Shag [illegible]
12						not a peal to be seen [illegible]
1						on the rocks saw 3 or 4 [illegible]
2						waters pulled over and [illegible]
3						on Cows shot [illegible]
4						[illegible]
5						[illegible]
6						[illegible]
7						[illegible]
8						[illegible]
9						[illegible]
10						[illegible]
11						[illegible]
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from · towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks day of 187
1						
2						
3						
4						
5						
6						
7						
8						
9				Tuesday		To day moderate breez
10						the Southward and
11						with some rain just
12						on the Schr head two
1						arrived here to day got
2						fish of them
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks day of 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
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8						
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10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
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7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

17

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8				Saturday		So day moderate		
9						from the S.E. & E.		
10						pumped from		
11						off two cask of water and		
12						loads of wood we have on		
1						105 Bbls of water &		
2						& wood put the two		
3						on deck &c &c		
4						& ready to sail for		
5								
6						night wind breezing		
7						& fr		
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	18½	*day of*	187
1									
2									
3									
4									
5									
6									
7						Blowing a gale			
8						with			
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	1870
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	1870
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
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7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks day of 187
1						
2						
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6						
7						
8						
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10						
11						
12						
1						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 19th day of Feb'y 187
1						
2						
3						
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7						
8						
9						
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11						
12						
1						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
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10								
11								
12								
1								
2								
3								
4								
5								
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9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
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11								
12								
1								
2								
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10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks 22d day of Oct 187
1						
2						
3						
4						
5						
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7						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 23d day of 187
1						
2						
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11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
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8								
9								
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12								
1								
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3								
4								
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9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	26th *day of* Feb'y	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1						to Andover. Got some New York		
2						papers & coal for Brindle & Salter		
3						part-Moving at Anchor Sold one		
4						Horse to Cable & at Shipboard		
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from [illegible] **towards** [illegible]

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks* [illegible] *day of* [illegible] 187
1						
2						
3						
4						
5						
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7						
8						
9						
10						
11						
12						
1						
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4						
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8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* [illegible] *day of* [illegible] 187
1						
2						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* *day of* 1870
1						
2						
3						
4						
5						
6						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* *day of* 1870
1						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
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10								
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12								
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11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	203				43.36				

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
1								
2								
3								
4								
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6								
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8								
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12								
1								
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10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
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10								
11								
12								
1								
2								
3								
4								
5								
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9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					41 30				37 55

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
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6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks day of 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
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9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	176								

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks day of 187
1						
2						
3						
4						
5						
6						
7						
8						
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11						
12						
1						
2						
3						
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8						
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11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* *day of* 187
1						
2						
3						
4						
5						
6						
7						Sunday
8						First part light [illegible]
9						from East course N. [illegible]
10						watch employed [illegible]
11						duties. Middle [illegible]
12						[illegible]
1						one sail in sight
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					[illegible]				[illegible]

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* [illegible] *day of* [illegible] 187
1						
2						
3						
4						
5						
6						All
7						[illegible]
8						[illegible]
9						[illegible]
10						[illegible]
11						[illegible]
12						[illegible]
1						[illegible]
2						[illegible]
3						[illegible]
4						[illegible]
5						[illegible]
6						[illegible]
7						[illegible]
8						[illegible]
9						[illegible]
10						[illegible]
11						[illegible]
12						[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					7.				

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
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8						
9						
10						
11						
12						

day of 187

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					24 30				36 08

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
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7						
8						
9						
10						
11						
12						

day of March 187

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks* 13th *day of* 187
1						
2						
3						
4						
5						
6						
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11						
12						
1						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 15th *day of* 187
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
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12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
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1								
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4								
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10								
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12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
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12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
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11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 15th *day of* March 1870
1						
2						
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4						
5						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					10.37				35.20

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 20th *day of* March 1870
1						
2						
3						
4						
5						
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11						
12						
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11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					8 32				

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 23d *day of* March 1850
1						
2						
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8						
9						
10			Thursday			Cast eight guns to the
11						south and first one then
12						spread gaff & mainsail
1						in sight. Middle and Latter
2						[illegible]
3						[illegible]
4						[illegible]
5						[illegible]
6						painted iron work black
7						so end
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
					47 1				32 [illegible]

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 24th *day of* March 1850
1						
2						
3						
4						
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6						
7						
8			Friday			[illegible]
9						[illegible] a moderate breeze
10						[illegible] Course N by E
11						[illegible]
12						[illegible]
1						[illegible] work in the Lgarsail. Latter
2						part much the same Course
3						[illegible] watch employed at [illegible]
4						[illegible]
5						
6						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					47 57				32 [illegible]

JOURNAL from **towards**

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	March	187
1									
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3									
4									
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12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks	day of	187
1								
2								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	2.30				6.29				

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	.11								

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 31st *day of* March 187
1						
2						
3						
4						
5						
6						
7						
8						
9						Thursday the 31st 24 hours fresh
10						breezes & Course N.W by N at 6
11						P.M. Passed Cape Pensuin.
12						Course & Distance ends.
1						
2						
3						
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
	219				11.21				71.52

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 1st *day of* April 187
1						
2						
3						
4						
5						
6						
7						Friday First part fine weather at
8						1 PM more Cloudy & Squally
9						to about E N E took in Sails
10						Middle & Latter part Squally
11						& rainy & a high sea Running
12						high during the whole
1						Watch Lying a Hull & Drift
2						ed along 60 Miles the last
3						24 hrs. We have been 169 miles
4						16
5						
6						
7						
8						
9						
10						
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12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	169								
	16								

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks*	*day of*	187
1								
2								
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12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	180								

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	78								

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 2	*day of* April	1870
1								
2								
3								
4								
5								
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Sunday First part continues moderate breezes & Variable 3 PM Saw an island to N & course N 30° W. Split the sail at 4 PM moderate breeze & part in main topsail took stay sail down to reef in main topsail at 8 PM took in reef & set

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
	175				19.40				56.57

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 3	*day of* April	1870
1								
2								
3								
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Monday First part moderate breezes from S & at 6 PM first one reef in the mainsail & fore sail moderate breeze at 6 AM took in reef in mainsail & set mainsail & fore sail & made all sail broke out steerage for first time Steered SW & SW by S & SW & W also Hauled to the wind & W & W by N 30 miles. We have made just 1800 miles in the last three days

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	175				21.42				57.35

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks	day of	1870
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	135								

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	1870
1								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY	*Remarks*	*day of*	187
1								
2								
3								
4								
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8								
9						First part light variable		
10								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10						First part light variable		
11								
12								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	Remarks 11th day of April 187
1						
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9						Saturday Brisk hail and heavy
10						squalls from the Southward &
11						Sharp weather Course N.W½N
12						& Wind S.W. and Hauled
1						a little forward so took in
2						Studdg Sails, Headed for
3						Bermuda Sprung my Main
4						Mast from about 2 ft. Sailg fast
5						much the same. Make out
6						water Sail in night
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	162			32.33					

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 12th day of April 187
1						
2						
3						
4						
5						
6						
7						
8						Sunday Comes with good
9						breeze from S and steers it
10						Course N.W½N at 10
11						oclock Sights Veers it
12						a Pt in sight. Veers it
1						more Brings up at 11 to
2						put one reef in the Foresail
3						Mainsail & Jib in the Main
4						Sail at 1 oclock Bermuda
5						is about N by E distance
6						8 leagues at 4 oclock
7						bearing about N by the mid
8						and begins to moderate
9						made Sail. Sailg fast
10						moderate breezes from W.N.W
11						after bearing N by E pilot
12						boards us at 8 oclock
						Ends Fresh breezes

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	10				32.33				

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 12th day of April 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob
	132				32.24				70.43

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks* 13th day of April 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks day of 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	165								

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks 15th day of 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks* 16th *day of* April 187
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Arrived
at Provincetown Mass fine weather with
moderate breze from S.W. by
course & N. & N.E. the most
fresh winds until 2 PM when
moderated away to a light breze
latter part at day light thick
weather saw several Coasters and
fishermen in sight. Spoke one
at 7 PM Capt Lewis Gray pilot
of a fishing boat and were
between Race Point light and
Stonecock about 12 miles off
shore ends with a light breze
from the S.W. ward.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
1								
2								
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6						First part light breezes from		
7								
8								
9								
10						& put one reef in the mainsail		
11						Middle part thick fog and		
12						light variable winds Latter		
1						at 5 AM quite clear made sail		
2								
3						dist about 12 miles Wind mod		
4						from the NE saw several Coast		
5								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks day of 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks day of 187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES;	WINDS.	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187 .
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from · towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from **towards**

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H,	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS.	LEEWAY,	Remarks	day of	187
1	Beef	put on board				Beef used on the voyage		
2		12 Bbls			broke out			
3					June 25th	—	1 Bbl	
4					July 13"		1 "	
5					" 30"		1 "	
6					Aug 11"		1 "	
7					Sept 4"		1 "	
8					" 25"		1	
9					Oct 23"		1 "	
10					Nov 1st		1 "	
11					[illegible]		1 "	
12					[illegible] 16"		1 "	
1					[illegible]		1 "	
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
1	Pork	put on board				Pork used on the voyage		
2		43 Bbls			broke out			
3					June 25th		1 Bbl	
4					July 3"		1 "	
5					" 30"		1 "	
6					Aug 15"		1 "	
7					" 25"		1 "	
8					Sept 4"		1 "	
9					" 11"		1 "	
10					" 17"		1 "	
11					" 23"		1 "	
12					Oct 1st		1 "	
1					" 9th		1 "	
2					Oct 16"		1 "	
3			[illegible]		Dec 6"		1 "	
4			[illegible]		"		1 "	
[illegible]			[illegible]		"		1 "	
[illegible]			"	"	"		1 "	
7					[illegible]		1 "	
8					[illegible]		1 "	
9					[illegible]		1 "	
10					" 18"		1 "	
11			[illegible]		" [illegible]		2 "	
12					[illegible]		1 "	
					" [illegible]		1 "	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	Remarks	day of	187
1			Water put on board			Water used on passage out		
2			90 Bbls			Broke out	galls	
3			or 2835 galls			June 25th	202	Homeward bound
4						July 1st	293	Com on ground tier
5						" 8th	148	Thermometer 2" 148 Gals
6						" 12"	181	" 12" 140 "
7						" 19"	180	
8						" 24"	150	
9						" 28"	146	
10						Aug 7"	30	
11						" 11"	180	
12						" 17"	180	
1						" 25"	181	
2						" 30"	146	
3						Sept 4"	148	
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	*Remarks*	*day of*	187
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from towards

1874

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY.	Remarks	day of 187
Sept		9½	139	Fur Seal Skins		from Ewoulz	
2	"	10	58	" "	"	" "	
3	"	15	18	" "	"	"	
4	"	29	3	" "	"	" St Idefonsos	
Oct		1½	1	" "	"	" Kellis Rock	
6	"		22	" "	"	" St Idefonsos	
7	"		17	" "	"	"	
8	"		5	" "	"	"	
9	"		2	" "	"	"	
10	"	6	1	" "	"	" East "	
11	"	1	10	" "	"	" North Rock "	
12	"		4	" "	"	" East Rookery "	
1	"		0	" "	"	"	
2	"		4	" "	"	" St Idefonsos	
3	"		19	" "	"	"	
4	"		3	" "	"	"	
5	"	6	1	" "	"	"	
6	"		1	" "	"	" Rope Hole	
7	"		1	" "	"	"	
8	"	2	1	" "	"	" St Idefonsos	
9	"		11	" "	"	"	
10	"		17	" "	"	"	
11	"	6	5	" "	"	" East	
12	"	1	13	" "	"	"	
	"	0	2	" "	"	" Rope Hole	
	"	9	2	" "	"	" Gulley Camp	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
"	9"	25				" North Rock Camp			

H.	K.	½ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of 187
1	"	10"	3	" "	"	" Rope Hole	"
2	"	10"	16	" "	"	" North Rock Camp	"
3	"	1	3	" "	"	"	"
4	"	12"	2	" "	"	"	"
5	"	14"	3	" "	"	" Shelf Rock	"
6	"	12"	5	" "	"	" North Rock Camp	"
7	"	11"	11	" "	"	" New Rookery	"
8	"	13"	16	" "	"	"	"
9	"	13"	1	" "	"	" North Rock Camp	"
10	"	13"	2	" "	"	" New Rookery	"
11	"	14"	12	" "	"	" S W Rookery & Shelf Rock	"
12	"	11"	22	" "	"	"	"
1	"		1	" "	"	"	"
2	"	10"	32	" "	"	" North Rock Camp	"
3	"	10"	15	" "	"	" New Rookery Camp	"
4	"	10"	3	" "	"	" Thimble & Sugarloaf St Idefonsos	"
5	"	21"	21	" "	"	"	"
6	"	28		" "	"	"	"
7	"	21	32	" "	"	" North Rock Camp	"
8	"	20	10	" "	"	" New Rookery	"
9	"	12	7	" "	"	"	"
10	"	12	4	" "	"	"	"
11	"	12	4	" "	"	"	"
12	"	5	3	" "	"	"	"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Bbl²

broke out butter Dept- 9th
" " " Jan'y 15th